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Please replace the paragraph beginning at page 14, line 21, with the following paragraph:

-- A controller 30, as depicted in Figure 6, may be used to execute lighting sequences 20 which have been programmed, designed, or created on a different apparatus. Because the controller 30 may provide a narrower range of functions than the processor used to create the sequence, the controller 30 may contain less hardware and be less expensive than a more complex system which permits authoring, includes a video monitor, or has other auxiliary functionality. The controller 30 may employ any suitable loader interface 610 for receiving a lighting program 20, e.g., an interface for reading a lighting program 20 from a storage medium such as a compact disk, diskette, magnetic tape, smart card, or other device, or an interface for receiving a transmission from another system, such as a serial port, USB port, parallel prt, IR receiver, or other connection for receiving a lighting program 20. In certain embodiments, the lighting program 20 may be transmitted over the Internet. The controller 30 may also include a processor 690 and an interface for communicating with a plurality of lighting units 40. --

Please replace the paragraph beginning at page 15, line 17, with the following paragraph:

-- A controller 30 may include a memory unit, database, or other suitable module 620 for storing a plurality of predetermined stock effects and instructions for converting those effects into a data format, such as DMX, RS-485, or RS-232, suitable for controlling a plurality of lighting units. The memory module 620 may be preconfigured for a set of stock effects, the memory module 620 may receive effects and instructions from the lighting sequence 20, or the memory module 620 may include a preconfigured set of stock effects which can be supplemented by additional effects stored in lighting sequence 20. Preconfiguring the memory module 620 with a set of stock effects permits a reduction in the memory required to store a lighting sequence 20, because the lighting sequence 20 may omit conversion instructions for effects preconfigured into the controller 30. In embodiments wherein the lighting sequence 20 includes stock effects designed by the author, suitable instructions may be included in lighting

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sequence 20 and stored in memory module 620, e.g., upon loading or execution of the lighting sequence 20 by the processor 690. --
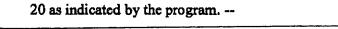
Please replace the paragraph beginning at page 15, line 31, with the following paragraph:

-- The controller 30 may include an external interface 650 whereby the controller 30 can receive external signals useful for modifying the execution of the lighting sequence 20. For example, the external interface 650 may include a user interface, which may in turn include switches, buttons, dials, sliders, a console, a keyboard, or any other device, such as a sensor, whereby a user may provide a command or signal to the controller 30 or otherwise influence the execution or output of the lighting sequence 20. The external interface 650 may receive temporal information from one or more chronometers, such as a local time module 660 which functions as a counter for measuring time from a predetermined starting point, such as when the controller 30 is turned on or when the counter is reset, or a date time module 665 which calculates the current date and time. Additionally, the controller 30 may receive commands or signals from one or more external devices 695 or sensors through external input 668. Such devices may be coupled to controller 30 directly, or signals may be received by the controller through an IR sensor or other suitable interface. Signals received by the controller 30 may be compared to or interpreted by a cue table 630, which may contain information related to the various inputs or conditions designated by the author of the lighting sequence 20 to affect the execution or output of the lighting sequence 20. Thus, if the controller 30 compares an input to the cue table 630 and determines that a condition has been satisfied or a designated signal has been received, the controller 30 may then alter the execution or output of the lighting sequence 20 as indicated by the program. --

IN THE CLAIMS

Please substitute claims 1-77 below for the pending claims with the same numbers. A prior version of pending claims 1-77 with all changes made by the current amendment shown

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